NAME

The charge is a mixed of chemicals.

Element:

A simple pure substance that cannot be changed into a simpler substance.

Pure substance:

Matter made of one kind of material with definite properties.

Over 100 known substance

Jewelry is made up of elements

Indirect evidence-something that you can’t with your eyes EX: Wind is a indirect evidence Just like atoms

Atomos:

Greek word for not to cut or indivisible

Atom:

Smallest piece of matter that cannot be commonly broken down

GOLD ATOMS HERE are the same here

How do we know the wind is there we cant see it but we can hear it and feel it

Movie nots part 2

John Dlton:

English chemist whose work led to widespread acceptance of idea of atoms

Four cool facts

1. All matter is made of atoms that can be combined.
2. Atoms of the same element are exactly alike.
3. Atoms of different elements are different.
4. Atoms of two or more elements can be combined to form new substances.

JJ THOMSON;

LATE 19TH century scientist who state atoms were not simple solid spheres

Electrons:

Small particles located outside the nucleus and have a negative charge

Ernest Rutherford:

Developed a more complete understanding of the atom.

Atoms were mostly made of space

Nucleus:

Positively charged center of atom.